

Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

387. M. Comostor DC Man hand to a fine of 379 Dela mater 273.4 2 Longe Low Ten Gal 380 E how to below ton cinery pers Be-





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Office, 411 Olive Street.

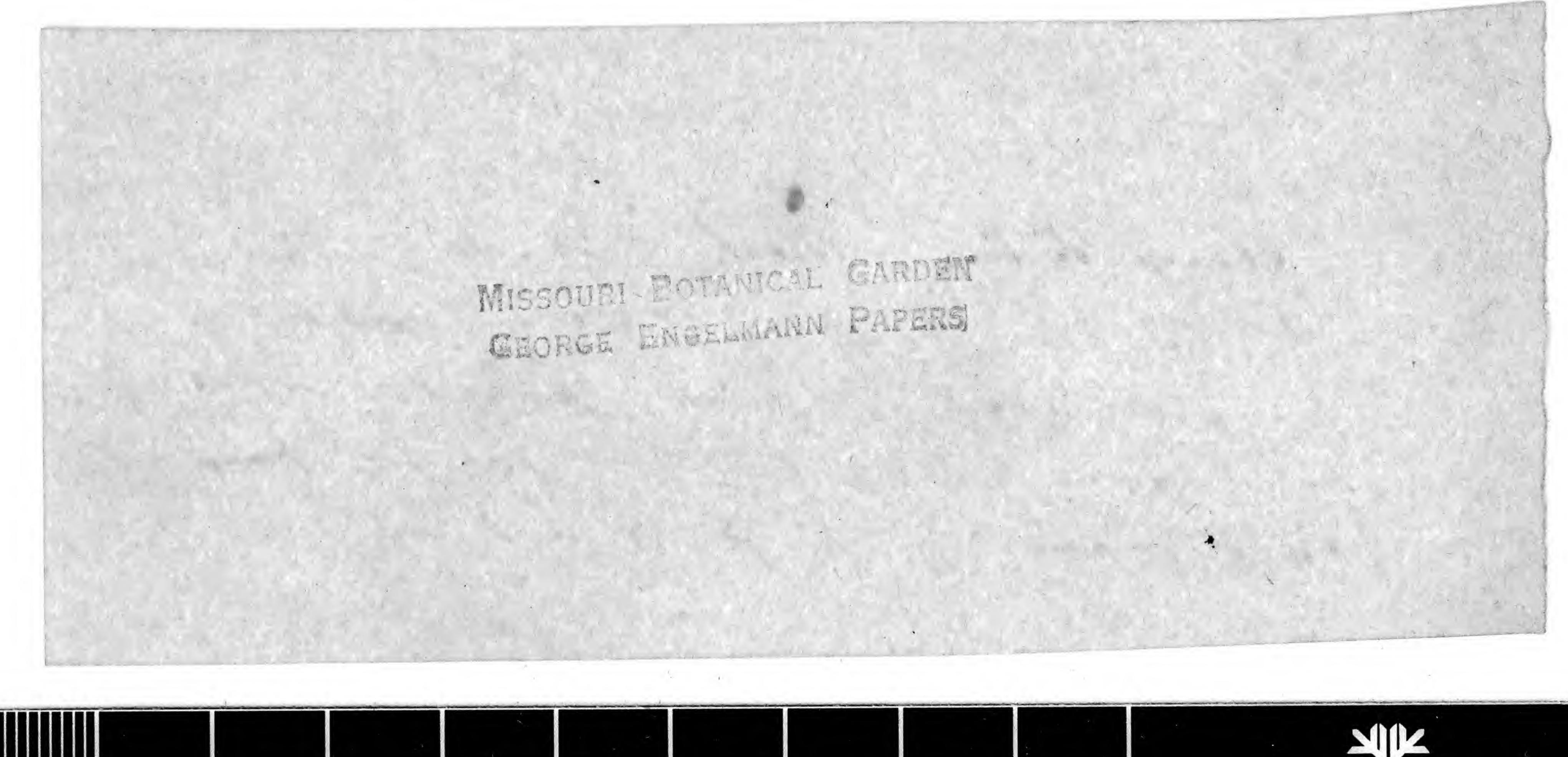
GEORGE J. ENGELMANN, M. D.,

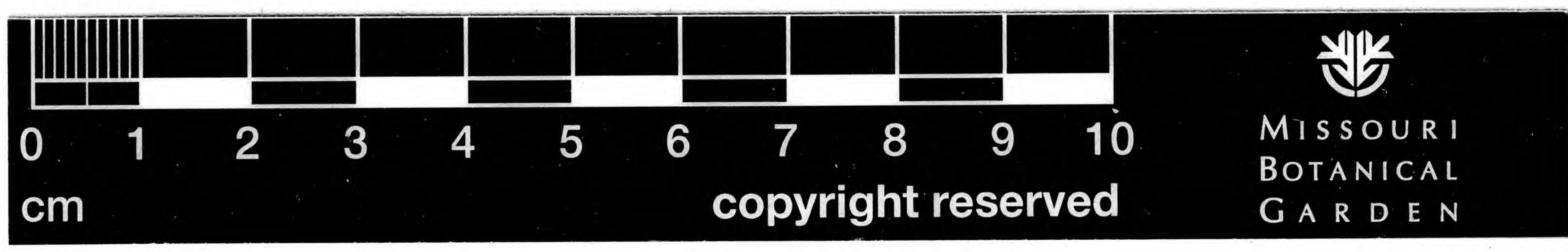
Residence, 3003 Locust Street.

MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

2001 165 Squt 1869 Echichlosophthelin Hook. Bel My 74 (1848) p. 4373. fr Acal Il Mote. an Exhiberers with purple violet fl. ne 12 green skizen-t. (CANALAGAMILA, The CINDERS PROME)







Dunch = ball Cueling - Invincent Leveus fillound Change This majnificent Caetus Thut von Rare about Fort Whipple. It. From Sinvariable en broken weky places, hills, among the operation "A" +"B" etc. Ulmel It is found in the Crevice betasson lang nocks. and often on the little soil that may hurs colleered upon their auface. I have seen it of Even Deze. from a single bull up to an immense hemisjohers og afgregaled. balls three first un d'iamelir, aux a foot anil a holf, or more in depth. When of large lige, and in full bloom, it perious a most fortrous appearance; the light freen muss so strange in schake, Dilvered over without filagree work of spines, from out of I which sprout forth its bruid Edd of bright Scurlet Howers; - lach centred with the green-tipped pistel, - formung a contrast as lovely as it is striking with the duell fray hard augular works on which it reposes. He individual from which the & pecimiens Ra Rb. Were taken (and also numerous detached flowers in the fevenue Herbarium) was one the largest I have met with, and in full Hoom May 3rd. The Intercles from the apreces of which opening the spines are to near coolesce with Euch other, in a perpendicular senes: 20 the the clokes are rather vidged than tuberculus though there is, indeed between Euch hebercle a Alight and cation of separation. These tridges min

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quelo perpenticulars not un to teast sparally from base to apex I Zelow, they are less Elivated I the fettow sulcus belives them ven shullow; or they may be almost quite obsolite. For and the apy however, they invariable stands out in vold release; after which, curving bowards Each other, at the superior dole of the flote, they are less. Elevated namour, and finall lose themselves altogether in the mass of young spring Springing from the top of the bull. The Spiniss are asy munerous avtrajul a dogen or more to Euch tuberde The those opening from the Courmost thebenes alon any Budruce & radiale & les flativise to the bull, the vest stand out in us as din chim. Wheir austhy on blender in shake, and near for guite straight. In Color, the majorit of thew are pure white but towards those from your from near the aper of the bull - and Especial to Conger of these, may have a part, or thoutable (weekt thorptreme trase) of their Extent of a delicate kurplish brown Fings. The apex of the bulls, where the meridians (rios) converge; is de breezed forming a cublike court filled with the yourgent spaines. The buildes of these are hun so clasel affreguted, that they crun Careely be discerned y cept as one mass. In Ever, these mas cent of fames tour are y a délicate trusparent zellowist white ternunated with brown. The flowerup grad begins



Sauce 1 De 20 Whites Je Lui

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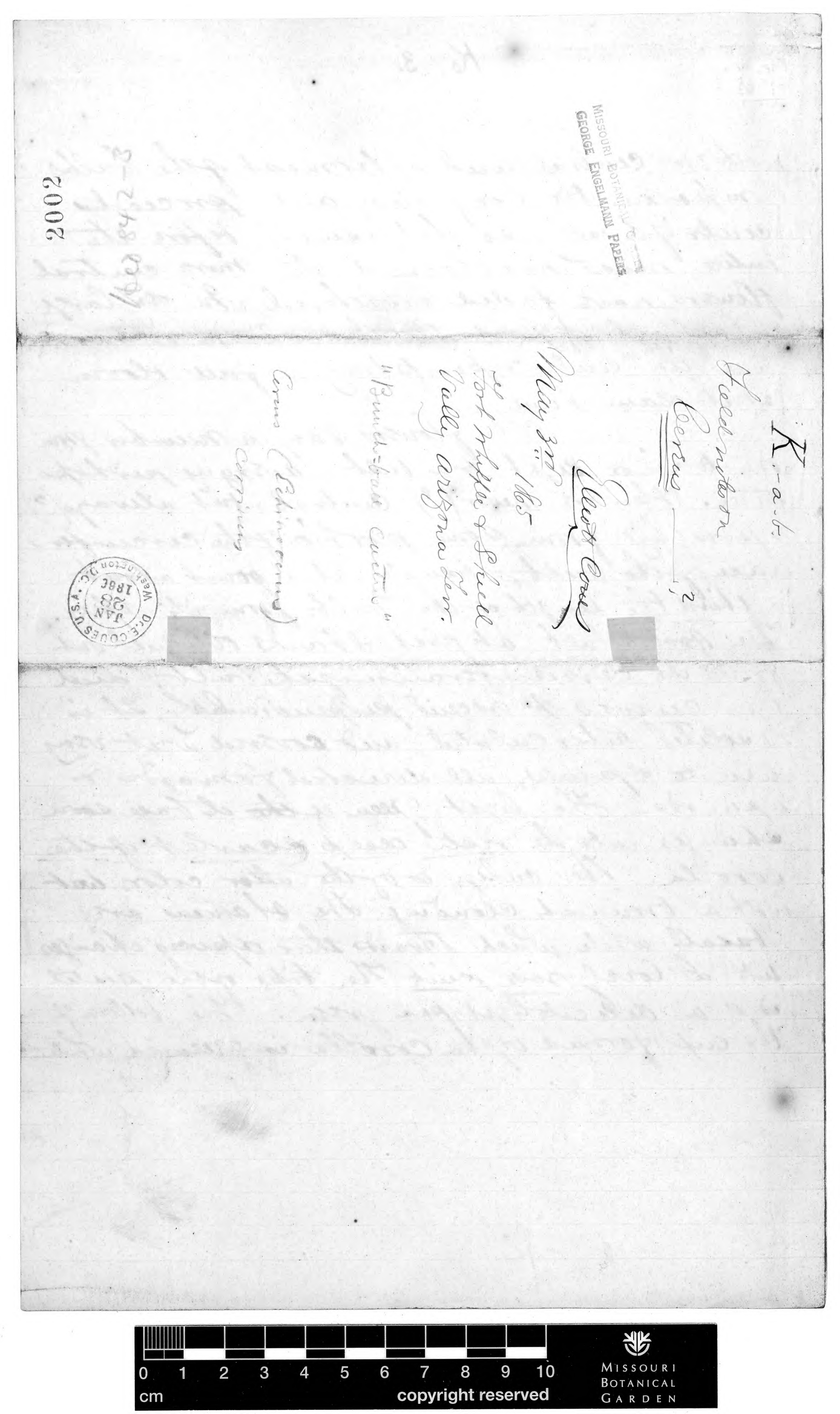
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It the central and upper mast of the vulles compasing the Conferies; and proceeds centrifugall; so that usuall, before the Entire mass has bloomed, the more cultral flowers have faded & withered. - In ven large plants it it probable that seldom or never are the centre & pengsherg un frue Hoom at the Lame time The flowers Vary in number from one to six or Eight to a bulk - averguy perhops three. They are never [?] central; but always ?) spring from some pertion the cercunfersuccepto bull, - uduall at a pourt about a third the length of the bull from its afeex. The fool stack at first Itauds obliques out from the cercumferance gette bull, and then curves to coscered persendiculable. It is of soliles tuter culated, and correct with ving delicato spanies, all directed forwards & uperards. The light green of the de trase soon chaufes outs the rich deep searlet of the corolla. The caly sof the Culter color, but with a brownish clouding. The stamens are Ibasalle white, which Toward their aprices chauses huto a lovel rose peut. The tips opthe putil is of a delecatolight pea from. The bottom of the cup formed by the corolla is greenish white.





purpages the James C. Engelman Found frouver in ord many Roil of frassy blaines sto, Either Ring or in small cluster of two to four or fire. de to ten mehes high, one to three in diameter (Rear Eylundricul but somewhat conicul both at base and april. That fortimes the column muder from It day and hard, and externall companied of more or less refuelar & parallel horzontal nings. The freen suelps portion of the plant is afterst composed, externally, of Domewhat Rinelar nove or less regulant honzontet vings; but which show a tendency a track uput dishuet Fuhereles, - Each having its cluster of spaces from its summer. Firsther up however, the Span futercles are disposed in the more ordinary manner, - 1. e. in lengitud wind steries, which run wich byt slight obliquit from the modition if the column but apex, The peries are well defined by suito broad though only moderalet. delp sulci; and the individual hubercles of Each Revies are well separaled from Euch other, and are rather large testout, with orny obhise apèces The opinies number a dozson, more or less, to Each Tubercle, - The cuetral one, which is much longer than the rest (one to one and a heref (luches,) stands direct away from the plant, and while the others are much shorter, and ratiate from their common sentro on a plane Dame plane with Euch other, and are more or less Clasel appressed to the surgacing the plant. # Min may be an accedentall destrobet specimen

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The central spices are of a fine light reddish reading on the more basal spices with reading on the more basal spices with white acepunyon the apropries are mostly white though many of those towards the aprin glas plant partite of the reddish here of the central ones. The aprin of the plant is a slight depression, field with delecate going of sines, which are white hoped with long; (about the root is moderated long; (about the root is moderated long; (about the state its bash dark brown. Siveral distinct framents (usually spring from the base of the cylinder Mo Evidence of flowering with



ound on the aumment of a seemed & towney fill in the middle prine woods. - This species is very rare about trhippee. On the lower half of the falant the trubercles have de come obsolete, being replaced by virifular honzmatat & parallel rieges, more Er less sharfoly defined. This karten is also brown 2004 2004 The tutordes commence about holfwayrip in plant, being large, well defined, diapased in Deries which mount aprivalle from base to summit; the individual Tuberolis Truch Renes more intrinated connected with Euch other, than with the corresponding tubercles of the next series; all obtusel conical in shape with um bilicuted afacces, afamiferous. Faures 5-8 to Each tubercle. - one of their much longer than the rest (Especially on the upsper must Intercles) Standing near persends eulas away from the plant: more or leas Eurord refular in their whole length, white or yellow white some portion other length red or oronen. The other spines are short, lying flat on the body Itho blant, but divaricating from Each other. 'asterois" those looking lowards the from I longest, & vice versa, all pur white in color. Kook Orng (12 or more inches) Sleuder, terste, almost filamentous, Several Julaments may spring from the body of the plant. or all branch from one man stern.

No signs y flowersup at this

date. (May 2 nd)

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Montagne au dessus de Jundalape Vallée de Mexico (unes vare) Bourgeau 21 Junia 1865 Efen funcise Homes Phuis Ajil 1869 (i fruit only. (erens (lahinorerens) EIHERASICA) Japedalis I costatur, costis interruption Laborrulati, andi malonit, jun. lauti andeis arrelanber recti, strani heis, 4-5 ratheling robustionston longion bur basi nodelosi obserionte. fere 10 målie by quon l'afonion Congrison . flority out aprice oriundis. bron globora (pollerari, andi 30-40 ænlerferir stipeta sem ibn imgulanter sombredetig

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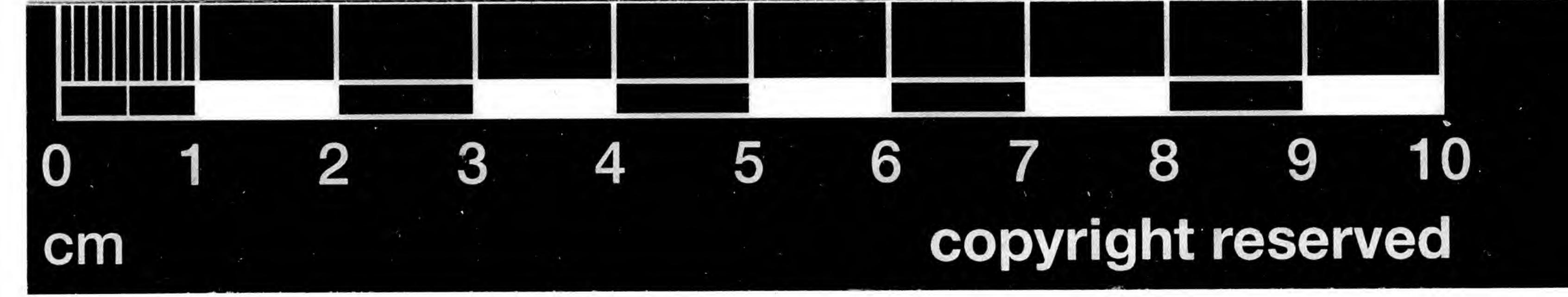
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Character Cinemann June 14 1882 flower 3/2 in las 3/2-4 in orde without people, but Palmer unites in dood red NC 371 Pilmer 1880. Parras 8000 3 centrel, 1p. 1/2-2 8000 10 valial 12/2

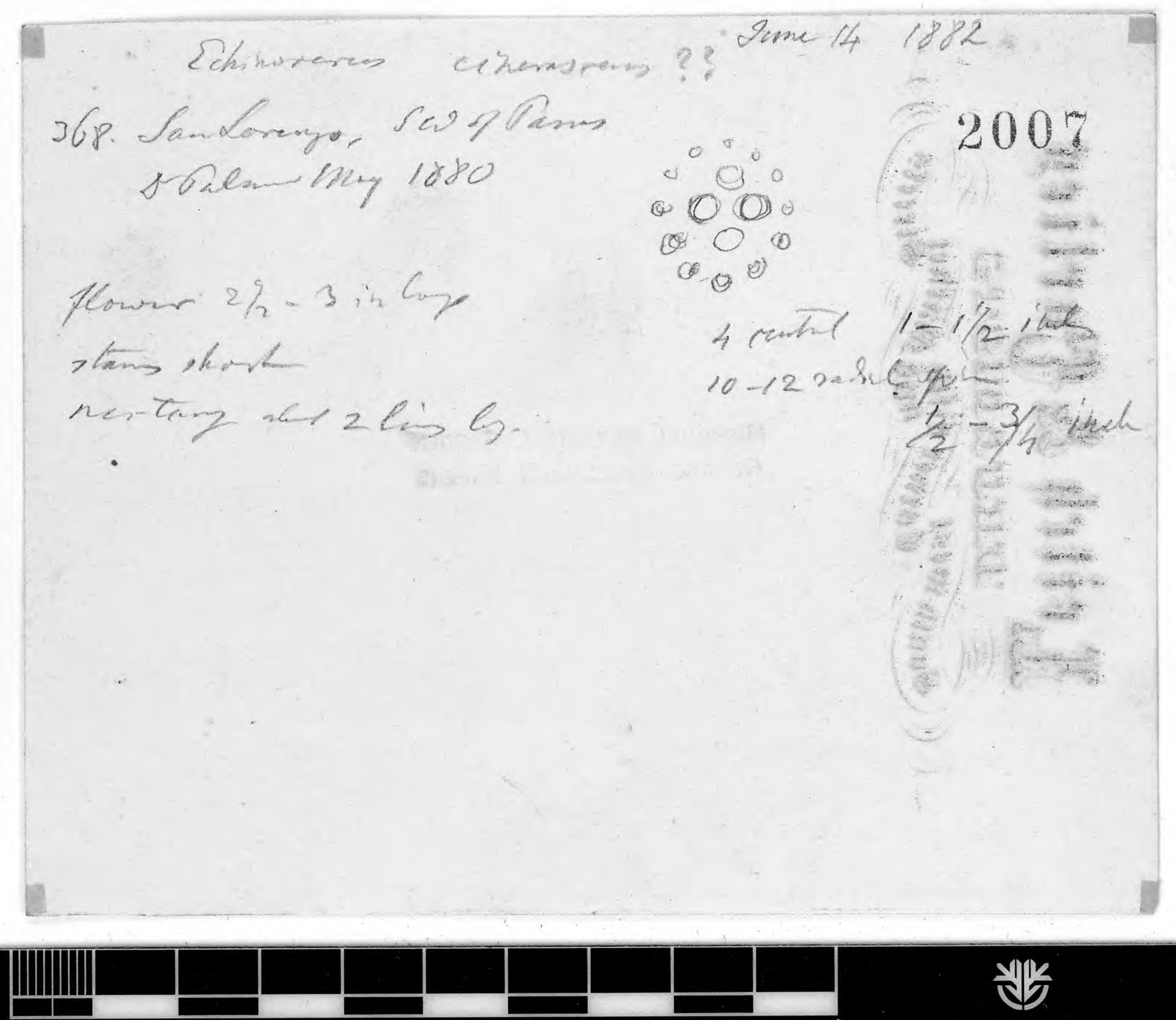




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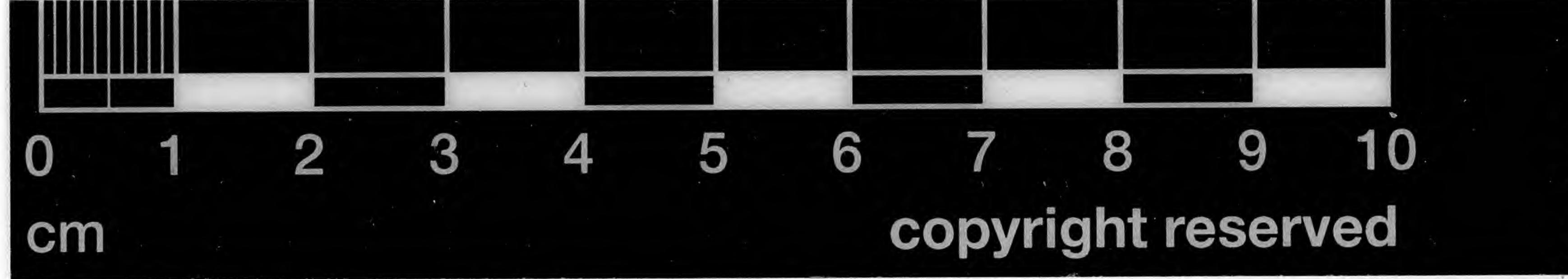


Charcen cin 2m 14 1882 No. 369 Palmer, 1880 10 milial en 3 centre spring Sandorenza S.W. Parries 2008





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NC 370 & Palm 1280 3 state of spins offer our town town 4 anjular observation annulation 3-4 inchy - mil the only Colors, 10-7, 115-1-2-2/2-19 2. He fruiting sperimen of same necessary the spining Toutet one angled all nearly equal dus



